



TERMINATION (5)

GENERAL OPERATING CHARACTERI				
(ELECTRICAL PERFORMANCE AT 10.00±0.01 VDC	EXCITA	TION,	25°C)	
PRESSURE RANGE (PSI)		0 - 5		
	MIN	NOM	MAX	UNITS
SPAN (P2>PI) /I	47	50	53	m۷
NULL OFFSET	-1.5	0	+1.5	m V
		TYP	MAX	UNITS
LINEARITY (BFSL, P2>PI)		. 4	. 5	%SPAN
NULL SHIFT (0 TO 25°C, 25 TO 50°C) 2		±.5	±1.0	m۷
SPAN SHIFT (0 TO 25°C, 25 TO 50°C) P2>P1 /2		±1.0	±1.5	%SPAN
REPEATABILITY AND HYSTERESIS		±.2		%SPAN
OVERPRESSURE (P2>P1; P1>P2)			20	PSI

ALL PRESSURE RANGE	MIN	TYP	MAX	UNITS
EXCITATION VOLTAGE		10	16	VDC
INPUT RESISTANCE	5.5K	7.5K	11.5K	OHMS
OUTPUT RESISTANCE	1.5K	2.5K	3.0K	OHMS
RESPONSE TIME			1.0	m s

TEMPERATURE RANGES

COMPENSATED 0 TO +50°C (+32°F TO +122°F)	STORAGE DPERATE	-55°C TO +100°C (-67°F TO +212°F -40°C TO +85°C (-40°F TO +185°F)
	COMPENSATED	0 TO +50°C (+32°F TO +122°F)

SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MINIMUM RATED OPERATING PRESSURE AND OUTPUT AT 0 PSI

TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C

3 - INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK SILICON, THE HOUSING MATERIAL OR SEAL MATERIAL

4 - PIN I IS IDENTIFIED BY RED WIRE

5 - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE

6 - RATIOMETRIC TO SUPPLY VOLTAGE

CATALOG LISTING AND DATE CODE HERE. CATALOG LISTING BRAND IS 6BF5G38. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

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BRIDGE PRESSUER SENSOR

26PCBFG5G38

CATALOG LISTING

THIRD ANGLE PROJECTION DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE (.0) ± .030 TWO PLACES (.00) ±.015 THREE PLACES (.000) ± .005 ANGLES

WEIGHT

CIRCUIT DIAGRAM Vсс OUTPUT

26PCBFG5G38

DR AW I NG NUMBER

188UE **2**

OUTPUT "A" INCREASES AS P2 PRESSURE INCREASES OUTPUT "B" DECREASES AS P2 PRESSURE INCREASES

OUTPUT

GND

ANSI YI4.5M-1982 APPLIES

FED. MFG. CODE 91929